

Resource Summary Report

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Center for Computational Medicine and Biology

RRID:SCR_001975

Type: Tool

Proper Citation

Center for Computational Medicine and Biology (RRID:SCR_001975)

Resource Information

URL: <http://www.ccmb.med.umich.edu/>

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Description: The CCMB was created to facilitate interdisciplinary research in computational medicine and biology and to forge collaborative relationships with faculty across campus and the US. Computational medicine and bioinformatics, is an emerging field that pursues biological questions using advanced computational technology such as complex merged datasets and powerful computing clusters. The Center currently has three components: The Bioinformatics Graduate Program (BGP), The Collaborative Computing & Data Unit, and The Interdisciplinary Research Program. Faculty from all areas of campus are affiliated with the center. The Bioinformatics Graduate Program (BGP) trains masters and Ph.D-level scholars, and oversees the research computing for four faculty members with partial appointments in the program. The Bioinformatics Graduate Program currently has 24 doctoral and 11 master-level students. The Collaborative Computing & Data Unit provides expert support for large cluster computing -- a necessary component for doing research in computational medicine and biology. This core also works with the UM Medical School and Office of the Vice President for Research (OVPR) to address long-term deficits in computing needs across campus. Finally, The Interdisciplinary Research Program oversees several NIH and state-funded projects, the largest being the National Center for Integrative Biomedical Informatics, whose goal is developing tools to facilitate biomedical research. The IDR also provides support to faculty applying for interdisciplinary grants in all areas of bioinformatics research.

Synonyms: CCMB

Resource Type: graduate program resource, portal, data or information resource, job resource, people resource, organization portal

Keywords: bioinformatics, biology, cluster computing, collaborative, collaborative

computing, computational medicine, data integration, developing tools, interdisciplinary research, modeling, research

Funding:

Resource Name: Center for Computational Medicine and Biology

Resource ID: SCR_001975

Alternate IDs: nif-0000-10580

Record Creation Time: 20220129T080210+0000

Record Last Update: 20250426T055510+0000

Ratings and Alerts

No rating or validation information has been found for Center for Computational Medicine and Biology.

No alerts have been found for Center for Computational Medicine and Biology.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.